

[Chapter 15.04 SUBDIVISIONS](#)

Section 15.04.610 Wall and cone sections.

All manholes shall be precast, sectional, reinforced concrete pipe with polypropylene steps of either forty-eight (48) or sixty (60) inch I.D., as specified. Both cylindrical and taper sections shall conform to all requirements of ASTM Designation C-76 for reinforced concrete culvert pipe with the following exceptions:

- A. The throat section of the manhole shall be adjustable, by use of pipe sections, up to eighteen (18) inches in height.
- B. The taper section shall be a maximum of three feet in height, shall be of eccentric conical design, and shall taper uniformly to thirty (30) inches inside diameter.
- C. The pipe used in the base section shall be furnished in section lengths of one, two, three and four feet as required.
- D. Reinforcing steel shall consist of a circular cage with a minimum cross sectional area of 0.25 square inch of steel per foot for cylindrical sections and 0.20 square inch per foot for cone sections.

All joint surfaces of precast sections and the face of the manhole base shall be thoroughly cleaned and wet prior to setting precast sections. Joints shall be set in mortar consisting of one part cement and one and one-half parts sand with sufficient water added to bring the mixture to workable consistency.

Bituminous jointing material may be used in lieu of cement mortar and shall be installed in accordance with manufacturer's recommendations. All joints shall be watertight and free from appreciable irregularities in the interior wall surface. (Ord. 5-1988 § 1 (part); Development Code 4-4-3)